

10/690,527

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PASSWORD:

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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS	3	MAR 16	CASREACT coverage extended
NEWS	4	MAR 20	MARPAT now updated daily
NEWS	5	MAR 22	LWPI reloaded
NEWS	6	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS	7	APR 02	JICST-EPLUS removed from database clusters and STN
NEWS	8	APR 30	GENBANK reloaded and enhanced with Genome Project ID field
NEWS	9	APR 30	CHEMCATS enhanced with 1.2 million new records
NEWS	10	APR 30	CA/CAPplus enhanced with 1870-1889 U.S. patent records
NEWS	11	APR 30	INPADOC replaced by INPADOCDB on STN
NEWS	12	MAY 01	New CAS web site launched
NEWS	13	MAY 08	CA/CAPplus Indian patent publication number format defined
NEWS	14	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS	15	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS	16	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS	17	MAY 21	CA/CAPplus enhanced with additional kind codes for German patents
NEWS	18	MAY 22	CA/CAPplus enhanced with IPC reclassification in Japanese patents
NEWS	19	JUN 27	CA/CAPplus enhanced with pre-1967 CAS Registry Numbers
NEWS	20	JUN 29	STN Viewer now available
NEWS	21	JUN 29	STN Express, Version 8.2, now available
NEWS	22	JUL 02	LEMBASE coverage updated
NEWS	23	JUL 02	LMEDLINE coverage updated
NEWS	24	JUL 02	SCISEARCH enhanced with complete author names
NEWS	25	JUL 02	CHEMCATS accession numbers revised
NEWS	26	JUL 02	CA/CAPplus enhanced with utility model patents from China
NEWS	27	JUL 16	CAPplus enhanced with French and German abstracts
NEWS	28	JUL 18	CA/CAPplus patent coverage enhanced

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
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NEWS IPC8	For general information regarding STN implementation of IPC 8

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:54:10 ON 22 JUL 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:54:45 ON 22 JUL 2007

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STRUCTURE FILE UPDATES: 20 JUL 2007 HIGHEST RN 943057-03-2

DICTIONARY FILE UPDATES: 20 JUL 2007 HIGHEST RN 943057-03-2

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

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REGISTRY includes numerically searchable data for experimental and
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<http://www.cas.org/support/stngen/stndoc/properties.html>

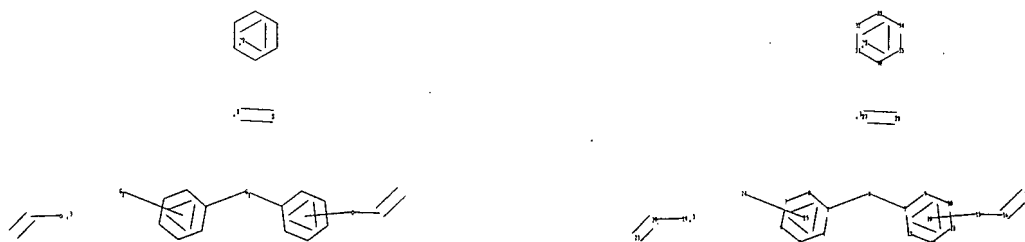
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ENTER SCREEN EXPRESSION OR (END):end

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Uploading C:\Documents and Settings\rkeys\My
Documents\STNEXP4\TEMPLATE\STANDARD\10690527i.str

10/690,527



chain nodes :

1 15 16 17 19 20 21 24 27 28

ring nodes :

2 3 4 5 6 7 8 9 10 11 12 13 30 31 32 33 34 35

chain bonds :

1-2 1-3 15-16 16-17 19-20 20-21 27-28

ring bonds :

2-4 2-8 3-9 3-13 4-5 5-6 6-7 7-8 9-10 10-11 11-12 12-13 30-31 30-35
31-32 32-33 33-34 34-35

exact/norm bonds :

1-2 1-3 15-16 19-20 27-28

exact bonds :

16-17 20-21

normalized bonds :

2-4 2-8 3-9 3-13 4-5 5-6 6-7 7-8 9-10 10-11 11-12 12-13 30-31 30-35
31-32 32-33 33-34 34-35

isolated ring systems :

containing 30 :

G1:S, [*1], [*2]

G2:OH, H, [*3]

Match level :

1:CLASS 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 15:CLASS 16:CLASS 17:CLASS 18:Atom 19:CLASS
20:CLASS 21:CLASS 24:CLASS 25:Atom 27:CLASS 28:CLASS 30:Atom 31:Atom
32:Atom 33:Atom 34:Atom 35:Atom

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

10/690,527

=> s 12

SAMPLE SEARCH INITIATED 15:55:09 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2803 TO ITERATE

71.4% PROCESSED 2000 ITERATIONS 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 52885 TO 59235
PROJECTED ANSWERS: 1 TO 99

L3 1 SEA SSS SAM L1

=> s 12 ful

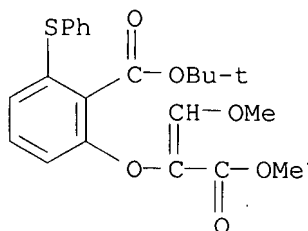
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FULL SCREEN SEARCH COMPLETED - 55728 TO ITERATE

100.0% PROCESSED 55728 ITERATIONS 42 ANSWERS
SEARCH TIME: 00.00.01

L4 42 SEA SSS FUL L1

=> d scan

L4 42 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Benzoic acid, 2-[[2-methoxy-1-(methoxycarbonyl)ethenyl]oxy]-6-(phenylthio)-
, 1,1-dimethylethyl ester (9CI)
MF C22 H24 O6 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
172.55	172.76

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 15:56:14 ON 22 JUL 2007

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FILE COVERS 1907 - 22 Jul 2007 VOL 147 ISS 5
FILE LAST UPDATED: 20 Jul 2007 (20070720/ED)

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(FILE 'HOME' ENTERED AT 15:54:10 ON 22 JUL 2007)

FILE 'REGISTRY' ENTERED AT 15:54:45 ON 22 JUL 2007

L1 STRUCTURE UPLOADED
L2 QUE L1
L3 1 S L2
L4 42 S L2 FUL

FILE 'CAPLUS' ENTERED AT 15:56:14 ON 22 JUL 2007

=> s 14

L5 30 L4

=> d 1-30 bib fhitr

L5 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2007:508153 CAPLUS
DN 146:502194
TI Block copolymers containing perfluorocyclobutane rings for electrolyte membranes with good proton conductivity and mechanical properties
IN Shin, Chong Kyu; Lee, Bong Keun; Kim, Jeong Hoon; Chang, Bong Jun; Lee, Soo Bok; Park, In Joon; Kim, Dong Kwon; Lee, Kwang Won; Ha, Jong Wook; Kim, Kwang Han; Kim, Dong Jin; Yoo, Min Chul
PA LG Chem, Ltd., S. Korea; Korea Research Institute of Chemical Technology
SO PCT Int. Appl., 61pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

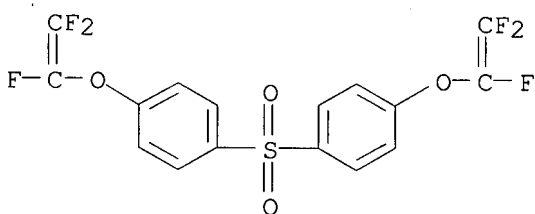
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PI	WO 2007052954	A1	20070510	WO 2006-KR4513	20061101
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
PRAI	KR 2005-103581	A	20051101		
	KR 2006-20685	A	20060303		

10/690,527

IT 705290-60-4P
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT
(Reactant or reagent)
(hydrophilic block; preparation of block copolymers containing
perfluorocyclobutane rings for electrolyte membranes through cycloaddn.
polymerization)
RN 705290-60-4 CAPLUS
CN Benzene, 1,1'-sulfonylbis[4-[(1,2,2-trifluoroethenyl)oxy]-, homopolymer
(CA INDEX NAME)

CM 1

CRN 705290-59-1
CMF C16 H8 F6 O4 S



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2005:1172103 CAPLUS
DN 143:449386
TI Presensitized lithographic printing plate material containing acrylic
compound, vinyl ether compound and alkali-soluble resin
IN Kondo, Shunichi
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 41 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

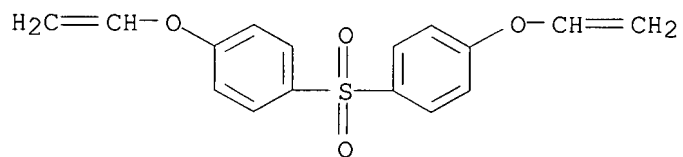
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PI	JP 2005309031	A	20051104	JP 2004-125111	20040421
PRAI	JP 2004-125111		20040421		
IT	868673-58-9P				

RL: IMF (Industrial manufacture); TEM (Technical or engineered material
use); PREP (Preparation); USES (Uses)
(presensitized lithog. printing plate material containing acrylic compound,
vinyl ether compound, and alkali-soluble resin)
RN 868673-58-9 CAPLUS
CN 11,14-Dioxa-2,9-diazaheptadec-16-enoic acid, 16-methyl-12-[[[(2-methyl-1-
oxo-2-propenyl)oxy]methyl]-10,15-dioxo-, 2-[[[(2-methyl-1-oxo-2-
propenyl)oxy]-1-[[[(2-methyl-1-oxo-2-propenyl)oxy]methyl]ethyl ester,
polymer with 1,1'-sulfonylbis[4-(ethenyl)oxy]benzene] (9CI) (CA INDEX
NAME)

CM 1

CRN 681424-06-6
CMF C16 H14 O4 S

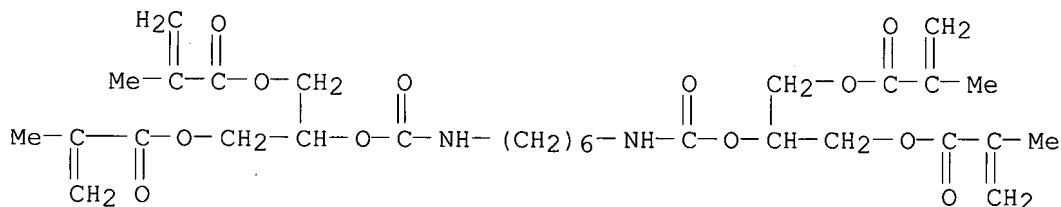
10/690,527



CM 2

CRN 80937-22-0

CMF C30 H44 N2 O12



L5 ANSWER 3 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2005:760544 CAPLUS

DN 143:347543

TI Synthesis and characterization of novel fluoropolymers containing sulfonyl and perfluorocyclobutyl units

AU Huang, Xiaoyu; Wang, Ruowen; Zhao, Pingqiao; Lu, Guolin; Zhang, Sen; Qing, Feng-Ling

CS Key Laboratory of Organofluorine Chemistry, Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, Shanghai, 200032, Peop. Rep. China

SO Polymer (2005), 46(18), 7590-7597

CODEN: POLMAG; ISSN: 0032-3861

PB Elsevier Ltd.

DT Journal

LA English

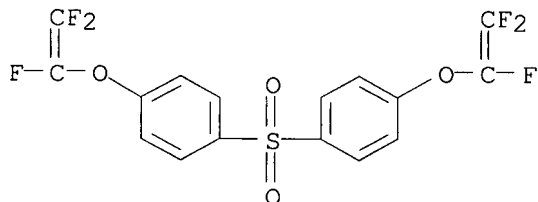
IT 705290-59-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(monomer; synthesis and characterization of novel fluoropolymers containing sulfonyl and perfluorocyclobutyl units)

RN 705290-59-1 CAPLUS

CN Benzene, 1,1'-sulfonylbis[4-[(trifluoroethenyl)oxy]- (9CI) (CA INDEX NAME)



RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2005:135706 CAPLUS

10/690,527

DN 142:200270
TI Odorless photocurable jet-printing inks having decreased content of
volatile organic compounds
IN Gokochi, Toru; Akiyama, Ryozi; Otsu, Kazuhiko
PA Toshiba Tec Corporation, Japan
SO Jpn. Kokai Tokkyo Koho, 31 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2005041961	A	20050217	JP 2003-201860	20030725
PRAI	JP 2003-201860		20030725		
IT	837424-03-0P				

RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM
(Technical or engineered material use); PREP (Preparation); USES (Uses)
(odorless photocurable jet-printing inks containing terpenoid-based vinyl
comps. and showing good solvent resistance)

RN 837424-03-0 CAPLUS
CN Tricyclo[3.3.1.1^{3,7}]decane, 1,3,5-tris(ethenyloxy)-, polymer with
2-(ethenyloxy)-4-methyl-1-(1-methylethyl)cyclohexane, Hi-Coap AU and
1,1'-sulfonylbis[4-(ethenyloxy)benzene] (9CI) (CA INDEX NAME)

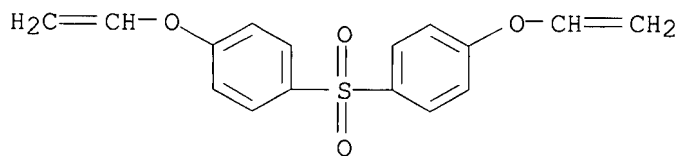
CM 1

CRN 837423-63-9
CMF Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

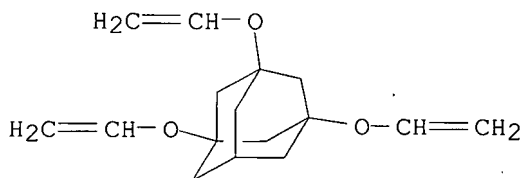
CM 2

CRN 681424-06-6
CMF C16 H14 O4 S



CM 3

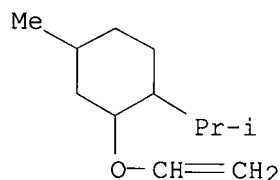
CRN 500541-87-7
CMF C16 H22 O3



CM 4

10/690,527

CRN 46173-76-6
CMF C12 H22 O



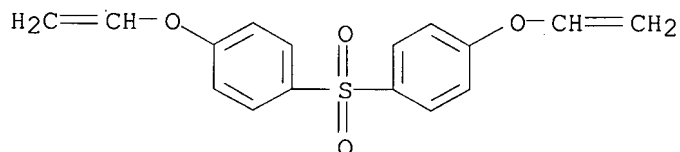
L5 ANSWER 5 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:348008 CAPLUS
DN 140:358196
TI Aromatic vinyl ether polymerizable compounds
IN Iwahama, Takahiro; Nakano, Tatsuya
PA Daicel Chemical Industries, Ltd., Japan
SO Eur. Pat. Appl., 15 pp.

CODEN: EPXXDW

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1413568	A2	20040428	EP 2003-24369	20031024
	EP 1413568	A3	20041117		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2004161742	A	20040610	JP 2003-280504	20030725
	US 2004181098	A1	20040916	US 2003-690527	20031023
PRAI	JP 2002-311613	A	20021025		
	JP 2003-280504	A	20030725		
OS	MARPAT 140:358196				
IT	681424-06-6P				
	RL: IMF (Industrial manufacture); PREP (Preparation) (manufacture of aromatic vinyl ether compds.)				
RN	681424-06-6 CAPLUS				
CN	Benzene, 1,1'-sulfonylbis[4-(ethenyloxy)- (9CI) (CA INDEX NAME)				



L5 ANSWER 6 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:17718 CAPLUS
DN 140:67658
TI Ink-jet printing sheet containing sulfone compound
IN Takashima, Masanobu; Nagata, Kozo; Sugiyama, Takekatsu
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 51 pp.

CODEN: JKXXAF

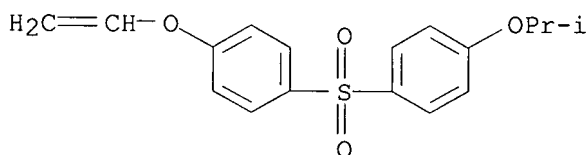
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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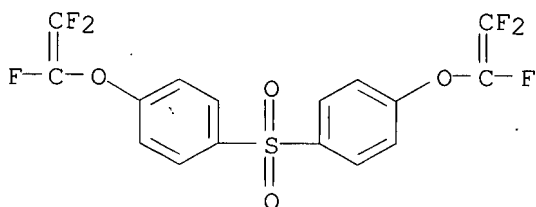
PI JP 2004001354 A 20040108 JP 2002-265395 20020911
PRAI JP 2002-111157 A 20020412
OS MARPAT 140:67658
IT 637351-71-4
RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)
(ink-jet printing sheet containing sulfone compound)
RN 637351-71-4 CAPLUS
CN Benzene, 1-(ethenyloxy)-4-[[4-(1-methylethoxy)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 7 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2003:919101 CAPLUS
DN 141:55828
TI Sulfonyl-containing fluororesin, its preparation and application for coatings
IN Qing, Fengling; Wang, Ruowen; Zheng, Xing
PA Donghua University, Peop. Rep. China
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 13 pp.
CODEN: CNXXEV
DT Patent
LA Chinese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	CN 1389486	A	20030108	CN 2002-136004	20020712
PRAI	CN 2002-136004		20020712		
IT	705290-59-1P				

RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(Sulfonyl-containing fluororesin, its preparation and application for coatings)
RN 705290-59-1 CAPLUS
CN Benzene, 1,1'-sulfonylbis[4-[(trifluoroethenyl)oxy]- (9CI) (CA INDEX NAME)



L5 ANSWER 8 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2002:568023 CAPLUS
DN 137:132146
TI Thermal recording material containing leuco dye and developer
IN Fukuchi, Tadakazu; Sumikawa, Naomi; Imai, Daisuke; Kimura, Yoshihide
PA Nippon Paper Industries Co., Ltd., Japan

10/690,527

SO Jpn. Kokai Tokkyo Koho, 15 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

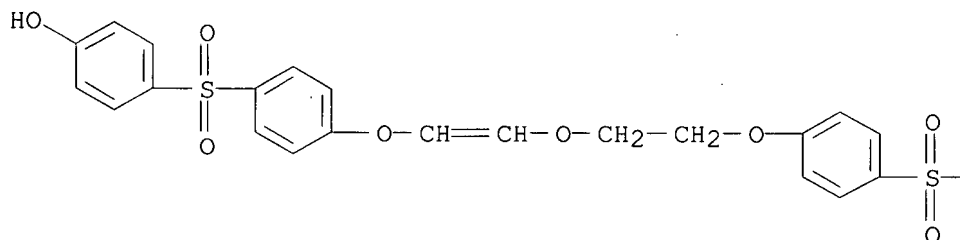
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PI	JP 2002211140	A	20020731	JP 2001-8168	20010116
PRAI	JP 2001-8168		20010116		
OS	MARPAT 137:132146				
IT	190078-75-2				

RL: TEM (Technical or engineered material use); USES (Uses)
(color developer; thermal recording material containing leuco dye and
phenylsulfonylphenoxy compound developer)

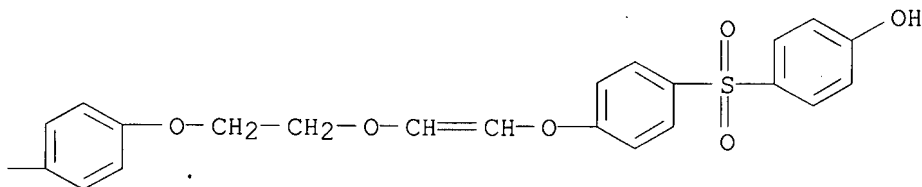
RN 190078-75-2 CAPLUS

CN Phenol, 4,4'-[sulfonylbis(4,1-phenyleneoxy-2,1-ethanediyl)oxy-2,1-ethenediyl]bis- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L5 ANSWER 9 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2001:717262 CAPLUS

DN 135:280535

TI Heat-sensitive recoding sheet containing color-developing agent having diphenylsulfone groups

IN Ogawa, Hidenori; Midorikawa, Yoshimi; Fukuchi, Tadakazu; Imai, Daisuke; Kimura, Yoshihide

PA Nippon Paper Industries, Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001270254	A	20011002	JP 2000-86006	20000327
PRAI	JP 2000-86006		20000327		
OS	MARPAT 135:280535				
IT	190078-75-2				

RL: TEM (Technical or engineered material use); USES (Uses)

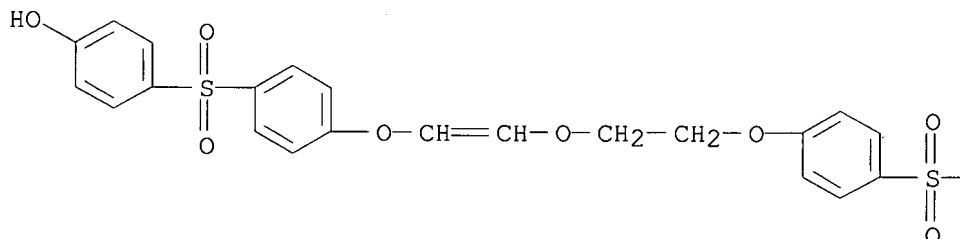
10/690,527

(color-developing agent in heat-sensitive recoding sheet)

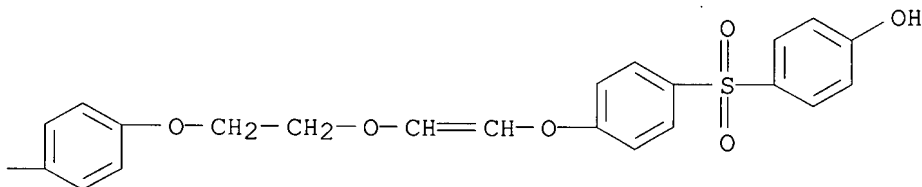
RN 190078-75-2 CAPLUS

CN Phenol, 4,4'-[sulfonylbis(4,1-phenyleneoxy-2,1-ethanediyl)oxy-2,1-ethenediyl]bis- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L5 ANSWER 10 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2001:489350 CAPLUS

DN 135:76690

TI Preparation of novel herbicidal aryl vinyl ethers

IN Cramp, Michael Colin; Gingell, Michael; Mack, Stephen Robert

PA Aventis CropScience SA, Fr.

SO PCT Int. Appl., 36 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

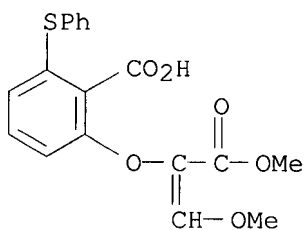
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001047863	A2	20010705	WO 2000-EP13386	20001220
	WO 2001047863	A3	20020502		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 2001029239	A1	20011011	US 2000-741707	20001220
PRAI	GB 1999-30703	A	19991224		
OS	MARPAT 135:76690				
IT	347878-11-9P				

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of novel herbicidal aryl vinyl ethers)

RN 347878-11-9 CAPLUS

10/690,527

CN Benzoic acid, 2-[[2-methoxy-1-(methoxycarbonyl)ethenyl]oxy]-6-(phenylthio)-
(9CI) (CA INDEX NAME)



L5 ANSWER 11 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2000:672772 CAPLUS

DN 133:259361

TI Thermal printing material

IN Fukuchi, Tadakazu; Sumikawa, Naomi; Ogawa, Hidenori; Imai, Daisuke; Sato, Reiko; Kimura, Yoshihide

PA Nihon Seishi K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 16 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

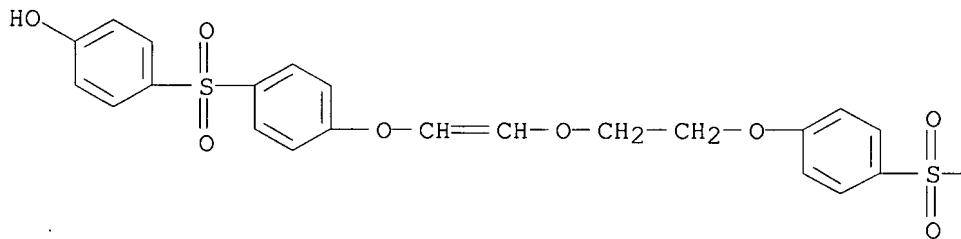
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000263947	A	20000926	JP 1999-71215	19990317
PRAI	JP 1999-71215		19990317		
IT	190078-75-2P				

RL: DEV (Device component use); PNU (Preparation, unclassified); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (color developer; thermal printing material containing leuco dye-type coloring component and metal chelate-type coloring component)

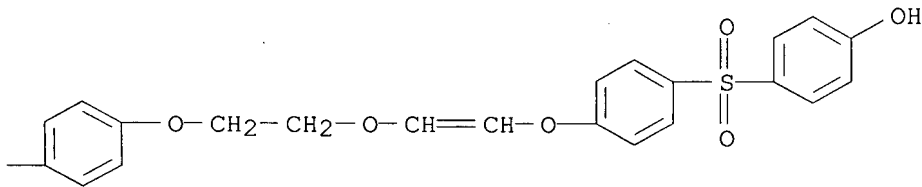
RN 190078-75-2 CAPLUS

CN Phenol, 4,4'-[sulfonylbis(4,1-phenyleneoxy-2,1-ethanedioxy-2,1-ethenedioxy-4,1-phenylenesulfonyl)]bis- (9CI) (CA INDEX NAME)

PAGE 1-A

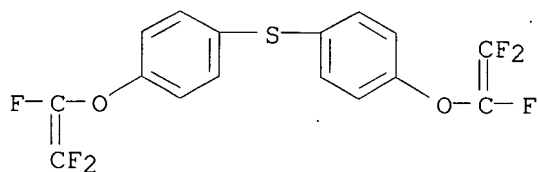


PAGE 1-B



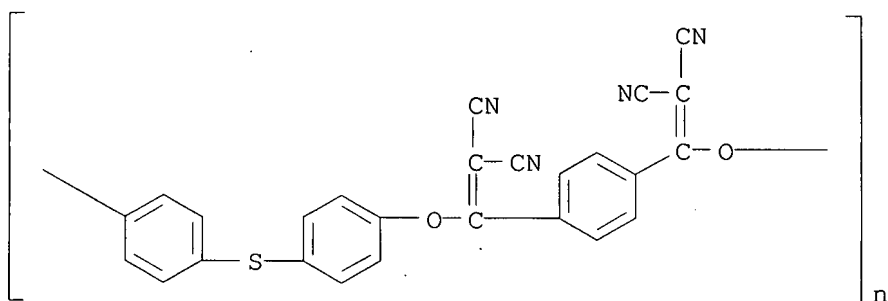
10/690,527

L5 ANSWER 12 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2000:292571 CAPLUS
DN 133:238430
TI Polymers from the thermal ($2\pi+2\pi$) cyclodimerization of fluorinated
olefins
AU Babb, David A.
CS Central Research and Development, Organic Product Research, Dow Chemical
Company, Freeport, TX, 77541, USA
SO Fluoropolymers (1999), Volume 1, 25-50. Editor(s): Hougham, Gareth.
Publisher: Kluwer Academic/Plenum Publishers, New York, N. Y.
CODEN: 68WRAL
DT Conference
LA English
IT 134150-94-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(monomer; preparation and cyclodimerization polymerization of fluorinated
olefin monomers)
RN 134150-94-0 CAPLUS
CN Benzene, 1,1'-thiobis[4-[(trifluoroethenyl)oxy]- (9CI) (CA INDEX NAME)



RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 13 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1999:775165 CAPLUS
DN 132:279605
TI Preparation of polyenaryloxynitriles by solution polymerization techniques
and their thermal properties
AU Lee, Chil-Won; Gong, Myoung-Seon
CS Department of Chemistry, Dankook University, Chungnam, 330-714, S. Korea
SO Korea Polymer Journal (1999), 7(5), 283-288
CODEN: KPJOE2; ISSN: 1225-5947
PB Polymer Society of Korea
DT Journal
LA English
IT 263917-68-6P
RL: PEP (Physical, engineering or chemical process); PRP (Properties); SPN
(Synthetic preparation); PREP (Preparation); PROC (Process)
(preparation and thermal stability of dicyanovinylene group-containing
polyethers)
RN 263917-68-6 CAPLUS
CN Poly[oxy(dicyanoethenylidene)-1,4-phenylene(dicyanoethenylidene)oxy-1,4-
phenylenethio-1,4-phenylene] (9CI) (CA INDEX NAME)



RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

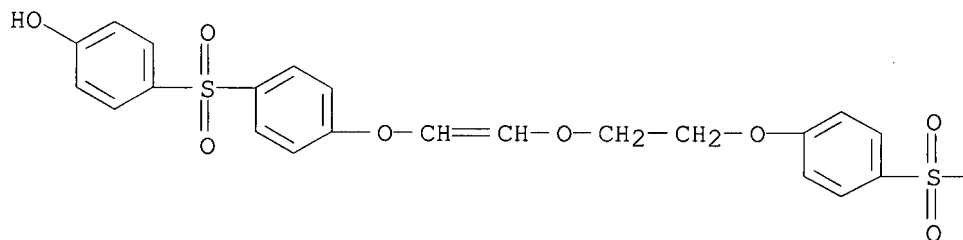
L5 ANSWER 14 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN .1998:724190 CAPLUS
DN 130:24854
TI Preparation of 4,4'-bis[4-(4-hydroxyphenylsulfonyl)phenoxy]diphenylsulfone
s and their intermediates as color developers for thermal printing
IN Hidaka, Tomoya; Fujii, Hiroshi; Kawabe, Toru
PA Nippon Soda Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

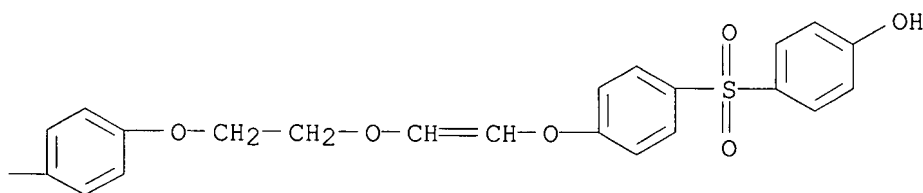
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10298161	A	19981110	JP 1997-109084	19970425
	JP 3936771	B2	20070627		
PRAI	JP 1997-109084		19970425		
OS	MARPAT 130:24854				
IT	190078-75-2P				

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); TEM
(Technical or engineered material use); PREP (Preparation); USES (Uses)
(preparation of [bis[(hydroxyphenylsulfonyl)phenoxy]diphenylsulfones as
developers for thermal printing)

RN 190078-75-2 CAPLUS
CN Phenol, 4,4'-[sulfonylbis(4,1-phenyleneoxy-2,1-ethanediyl)oxy-2,1-
ethenediyl]bis- (9CI) (CA INDEX NAME)

PAGE 1-A





L5 ANSWER 15 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1997:385699 CAPLUS

DN 127:11144

TI Preparation of diphenyl sulfone crosslinking compounds as recording materials

IN Sato, Takehiro; Fujii, Hiroshi; Sato, Shinichi; Hidaka, Tomoya; Aoiki, Izuo

PA Nippon Soda Co., Ltd., Japan

SO PCT Int. Appl., 49 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9716420	A1	19970509	WO 1996-JP3117	19961025
	W: AU, BR, CN, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	JP 10029969	A	19980203	JP 1996-298158	19961022
	JP 3913820	B2	20070509		
	AU 9673364	A	19970522	AU 1996-73364	19961025
	AU 707867	B2	19990722		
	EP 860429	A1	19980826	EP 1996-935442	19961025
	EP 860429	B1	20011212		
	R: DE, FR, GB, IT, FI				
	CN 1200727	A	19981202	CN 1996-197882	19961025
	CN 1087286	B	20020710		
	BR 9611435	A	19990323	BR 1996-11435	19961025
	US 6037308	A	20000314	US 1998-66461	19980430
PRAI	JP 1995-306589	A	19951031		
	JP 1996-75304	A	19960305		
	JP 1996-84615	A	19960313		
	JP 1996-93318	A	19960322		
	JP 1996-145040	A	19960515		
	WO 1996-JP3117	W	19961025		

OS MARPAT 127:11144

IT 190078-80-9P

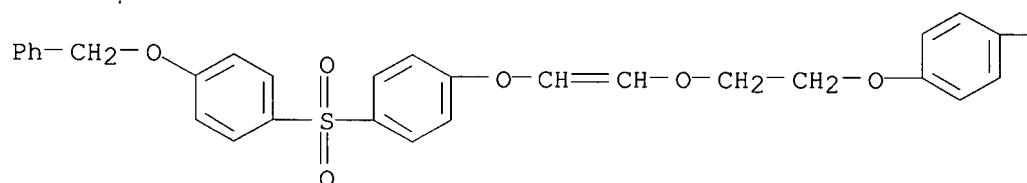
RL: RCT (Reactant); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of di-Ph sulfone crosslinking compds. as recording materials)

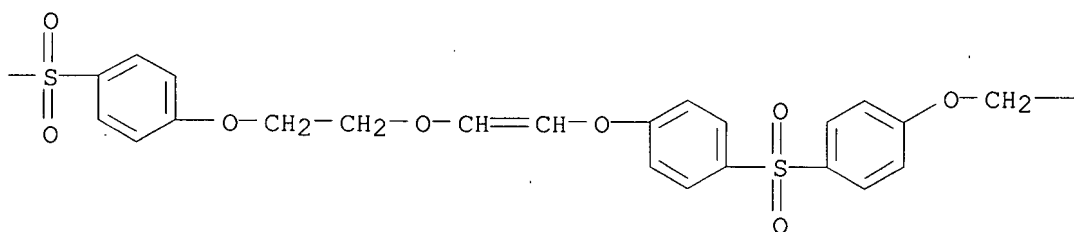
RN 190078-80-9 CAPLUS

CN Benzene, 1,1'-sulfonylbis[4-[2-[[2-[4-[[4-(phenylmethoxy)phenyl]sulfonyl]phenoxy]ethenyl]oxy]ethoxy]- (9CI) (CA INDEX NAME)

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PAGE 1-B



PAGE 1-C

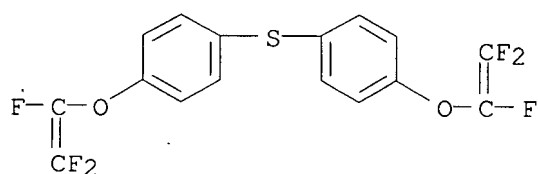
— Ph

L5 ANSWER 16 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1996:193510 CAPLUS
 DN 124:356096
 TI Use of PFCB on the active plate for liquid crystal displays
 AU Anon.
 CS UK
 SO Research Disclosure (1996), 383, 195-6 (No. 38337)
 CODEN: RSDSBB; ISSN: 0374-4353
 PB Kenneth Mason Publications Ltd.
 DT Journal; Patent
 LA English

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
RD 383037		19960310		

 PI RD 383037
 PRAI RD 1996-383037 19960310
 IT 134150-94-0
 RL: DEV (Device component use); USES (Uses)
 (organic resins as dielec. layers in flat panel displays)
 RN 134150-94-0 CAPLUS
 CN Benzene, 1,1'-thiobis[4-[(trifluoroethenyl)oxy]- (9CI) (CA INDEX NAME)

10/690,527



L5 ANSWER 17 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1995:532092 CAPLUS

DN 122:269876

TI Lubricant compositions for refrigerators

IN Sanechika, Kenichi; Ikeda, Masanori

PA Asahi Chemical Ind, Japan

SO Jpn. Kokai Tokkyo Koho, 57 pp.

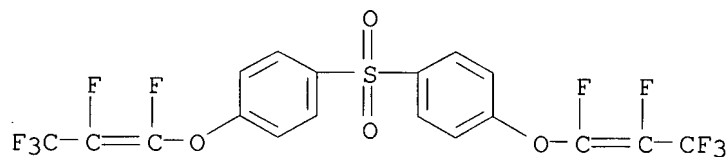
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06313180	A	19941108	JP 1993-191468	19930802
PRAI	JP 1993-191468	A	19930802		
	JP 1992-208285	A	19920804		
	JP 1993-41156		19930302		
OS	MARPAT 122:269876				
IT	155304-14-6P				
	RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PREP (Preparation); USES (Uses)				
	(lubricant comps. for refrigerators containing)				
RN	155304-14-6 CAPLUS				
CN	Benzene, 1,1'-sulfonylbis[4-[(1,2,3,3,3-pentafluoro-1-propenyl)oxy]- (9CI)				
	(CA INDEX NAME)				



L5 ANSWER 18 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1995:261309 CAPLUS

DN 122:291788

TI Perfluorocyclobutane ring-containing polymers

IN Babb, David A.; Richey, W. Frank; Clement, Katherine S.; Ezzell, Bobby R.

PA Dow Chemical Co., USA

SO U.S., 33 pp. Cont.-in-part of U.S. Ser. No. 54,648, abandoned.

CODEN: USXXAM

DT Patent

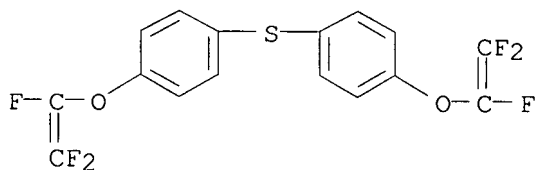
LA English

FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5364917	A	19941115	US 1993-159892	19931201
	US 5037917	A	19910806	US 1989-364667	19890609
	US 5066746	A	19911119	US 1990-534819	19900607
	US 5159038	A	19921027	US 1991-673882	19910322

10/690,527

US 5159037 A 19921027 US 1991-720553 19910625
CA 2159910 A1 19941110 CA 1994-2159910 19940419
WO 9425505 A1 19941110 WO 1994-US4273 19940419
W: CA, JP, US, US
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
PRAI US 1989-364667 A3 19890609
US 1991-673882 A3 19910322
US 1992-929742 B2 19920813
US 1993-54648 B2 19930426
US 1990-534819 A3 19900607
US 1993-159892 A 19931201
IT 134174-09-7P
RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)
(perfluorocyclobutane ring-containing polymers)
RN 134174-09-7 CAPLUS
CN Benzene, 1,1'-thiobis[4-[(trifluoroethenyl)oxy]-, homopolymer (9CI) (CA
INDEX NAME)
CM 1
CRN 134150-94-0
CMF C16 H8 F6 O2 S



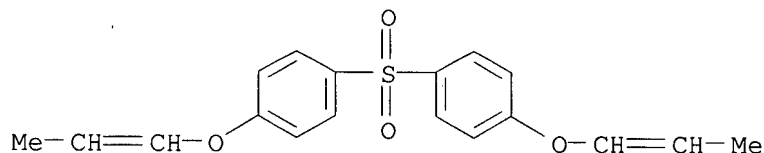
L5 ANSWER 19 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1994:655631 CAPLUS
DN 121:255631
TI Preparation of 4-aryloxy-5-hydroxy-2(5H)-furanones as inhibitors of bone
loss
IN Sabatucci, Joseph P.
PA American Home Products Corp., USA
SO U.S., 8 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 5336687 A 19940809 US 1993-101885 19930804
US 5466830 A 19951114 US 1994-245388 19940518
PRAI US 1993-101885 A3 19930804
OS MARPAT 121:255631
IT 158590-16-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation of 4-aryloxy-5-hydroxy-2(5H)-furanones as inhibitors of bone
loss)
RN 158590-16-0 CAPLUS
CN 2-Butenoic acid, 4,4-diethoxy-3-[4-(phenylthio)phenoxy]-, methyl ester,
(Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

10/690,527

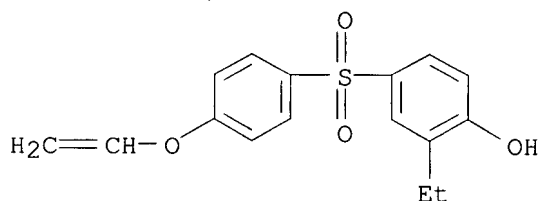
IT 149829-45-8P
RL: PREP (Preparation)
(preparation of)
RN 149829-45-8 CAPLUS
CN Benzene, 1,1'-sulfonylbis[4-(1-propenyloxy)- (9CI) (CA INDEX NAME)



L5 ANSWER 22 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1992:235240 CAPLUS
DN 116:235240
TI Preparation of hydroxydiphenylsulfones as developers for heat-sensitive recording materials
IN Minami, Toshiaki; Ohashi, Reiji; Umeda, Hiroaki; Kinishi, Ryoichi; Shimada, Akira
PA Jujo Paper Co., Ltd., Japan; Yoshitomi Pharmaceutical Industries, Ltd.
SO Eur. Pat. Appl., 29 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 466096	A1	19920115	EP 1991-111404	19910709
	R: BE, DE, FR, GB, IT, SE				
	JP 04342562	A	19921130	JP 1991-130209	19910603
	CA 2046687	A1	19920113	CA 1991-2046687	19910710
PRAI	JP 1990-184727	A	19900712		
	JP 1991-47157	A	19910313		

OS MARPAT 116:235240
IT 141189-67-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as developer for heat-sensitive recording materials)
RN 141189-67-5 CAPLUS
CN Phenol, 4-[[4-(ethenyloxy)phenyl]sulfonyl]-2-ethyl- (9CI) (CA INDEX NAME)

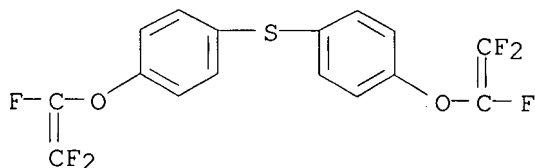


L5 ANSWER 23 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1992:84410 CAPLUS
DN 116:84410
TI Process for preparing polymers having perfluorocyclobutane rings and polymers containing perfluorocyclobutane rings
IN Babb, David A.; Clement, Katherine S.; Richey, W. Frank; Ezzell, Bobby R.
PA Dow Chemical Co., USA
SO PCT Int. Appl., 107 pp.
CODEN: PIXXD2

10/690,527

DT Patent
LA English
FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9015082	A1	19901213	WO 1990-US3151	19900604
	W: AU, CA, FI, JP, KR, NO				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
	US 5037917	A	19910806	US 1989-364667	19890609
	US 5037918	A	19910806	US 1989-451404	19891215
	CA 2031185	A1	19901210	CA 1990-2031185	19900604
	AU 9059265	A	19910107	AU 1990-59265	19900604
	AU 619125	B2	19920116		
	EP 428708	A1	19910529	EP 1990-909909	19900604
	EP 428708	B1	19941005		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	JP 04500388	T	19920123	JP 1990-509841	19900604
	JP 3022921	B2	20000321		
	US 5066746	A	19911119	US 1990-534819	19900607
	NO 9100518	A	19910208	NO 1991-518	19910208
	NO 177824	B	19950821		
	NO 177824	C	19951129		
	US 5159036	A	19921027	US 1991-673884	19910322
	US 5159037	A	19921027	US 1991-720553	19910625
PRAI	US 1989-364667	A	19890609		
	US 1989-451404	A	19891215		
	WO 1990-US3151	A	19900604		
	US 1990-534819	A3	19900607		
IT	134174-09-7P				
	RL: PREP (Preparation)				
	(preparation and crosslinking of perfluorocyclobutane ring-containing)				
RN	134174-09-7 CAPLUS				
CN	Benzene, 1,1'-thiobis[4-[(trifluoroethenyl)oxy]-, homopolymer (9CI) (CA INDEX NAME)				
CM	1				
CRN	134150-94-0				
CMF	C16 H8 F6 O2 S				

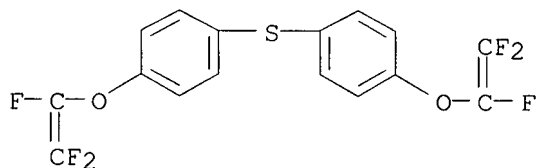


L5 ANSWER 24 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1991:408267 CAPLUS
DN 115:8267
TI Preparation of perfluorovinyl compounds and their polymerization
IN Babb, David A.; Clement, Katherine S.; Ezzell, Bobby R.
PA Dow Chemical Co., USA
SO PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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10/690,527

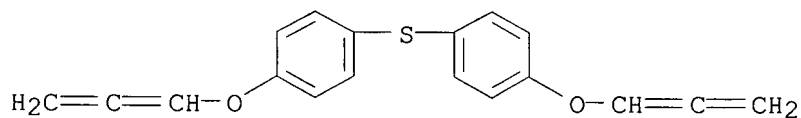
PI WO 9015043 A2 19901213 WO 1990-US3154 19900604
WO 9015043 A3 19910321
W: AU, CA, FI, JP, KR, NO
RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE
US 5023380 A 19910611 US 1989-364665 19890609
CA 2030792 A1 19901210 CA 1990-2030792 19900604
CA 2030792 C 20010821
AU 9058473 A 19910107 AU 1990-58473 19900604
EP 428706 A1 19910529 EP 1990-909869 19900604
EP 428706 B1 19940713
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE
JP 04500367 T 19920123 JP 1990-509222 19900604
JP 2915573 B2 19990705
NO 9100517 A 19910208 NO 1991-517 19910208
NO 175678 B 19940808
NO 175678 C 19941116
US 5162468 A 19921110 US 1991-668296 19910312
PRAI US 1989-364665 A 19890609
WO 1990-US3154 A 19900604
OS MARPAT 115:8267
IT 134174-09-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 134174-09-7 CAPLUS
CN Benzene, 1,1'-thiobis[4-[(trifluoroethenyl)oxy]-, homopolymer (9CI) (CA
INDEX NAME)
CM 1
CRN 134150-94-0
CMF C16 H8 F6 O2 S



L5 ANSWER 25 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1990:552007 CAPLUS
DN 113:152007
TI Polyfunctional phenoxyallenes as monomers and their preparation
IN Yamada, Mitsuo; Kayano, Hiromichi; Aoki, Hiroshi; Ishii, Keizo
PA Nippon Paint Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI JP 01283247 A 19891114 JP 1988-110897 19880506
PRAI JP 1988-110897 19880506
OS MARPAT 113:152007
IT 127265-86-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as monomer)
RN 127265-86-5 CAPLUS
CN Benzene, 1,1'-thiobis[4-(1,2-propadienyloxy)- (9CI) (CA INDEX NAME)

10/690,527



L5 ANSWER 26 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1987:587577 CAPLUS

DN 107:187577

TI Thermal recording materials

IN Kurisu, Tokuo; Iiyama, Kyotaka

PA Ricoh Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62056187	A	19870311	JP 1985-196623	19850905
PRAI	JP 1985-196623		19850905		

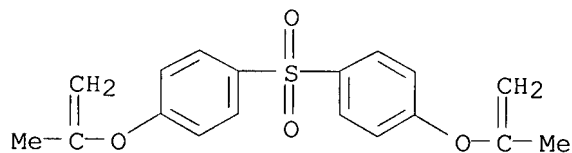
IT 110984-91-3

RL: USES (Uses)

(leuco dye developer, thermal recording material containing)

RN 110984-91-3 CAPLUS

CN Benzene, 1,1'-sulfonylbis[4-[(1-methylethenyl)oxy]- (9CI) (CA INDEX NAME)



L5 ANSWER 27 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1987:406939 CAPLUS

DN 107:6939

TI 2-(Phenoxy or phenylthio)propenoates as fungicides and plant-growth regulators, their formulations, and processes for their preparation

IN Clough, John Martin; Godfrey, Christopher Richard Ayles

PA Imperial Chemical Industries PLC, UK

SO Eur. Pat. Appl., 38 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 212859	A2	19870304	EP 1986-305655	19860723
	EP 212859	A3	19880504		
	EP 212859	B1	19900912		
	R: BE, CH, DE, FR, GB, IT, LI, NL, SE				
	GB 2179346	A	19870304	GB 1986-17984	19860723
	GB 2179346	B	19890802		
	ZA 8605792	A	19870429	ZA 1986-5792	19860801
	US 4802913	A	19890207	US 1986-893272	19860805
	AU 8661099	A	19870226	AU 1986-61099	19860813
	AU 598741	B2	19900705		

10/690,527

	HU 41597	A2	19870528	HU 1986-3604	19860818
	HU 201726	B	19901228		
	DK 8603945	A	19870223	DK 1986-3945	19860819
	DK 173341	B1	20000731		
	CA 1280417	C	19910219	CA 1986-516428	19860820
	BR 8603992	A	19870407	BR 1986-3992	19860821
	JP 62048649	A	19870303	JP 1986-195741	19860822
	JP 08019047	B	19960228		
	ES 2001880	A6	19880701	ES 1986-1301	19860822
	US 4913721	A	19900403	US 1988-264874	19881031
	US 5124353	A	19920623	US 1989-416609	19891003
	US 5229393	A	19930720	US 1992-863743	19920406
PRAI	GB 1985-21082	A	19850822		
	US 1986-893272	A3	19860805		
	US 1988-264874	A3	19881031		
	US 1989-416609	A3	19891003		

OS CASREACT 107:6939

IT 108179-28-8P

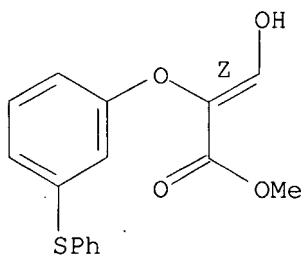
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and methylation of)

RN 108179-28-8 CAPLUS

CN 2-Propenoic acid, 3-hydroxy-2-[3-(phenylthio)phenoxy]-, methyl ester, (Z)-(9CI) (CA INDEX NAME)

Double bond geometry as shown.



L5 ANSWER 28 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1975:547310 CAPLUS

DN 83:147310

TI 4-Phenoxy- or 4-phenylthiobutenoic acid derivatives

IN Karrer, Friedrich; Farooq, Saleem

PA Ciba-Geigy A.-G., Switz.

SO Ger. Offen., 23 pp.

CODEN: GWXXBX

DT Patent

LA German

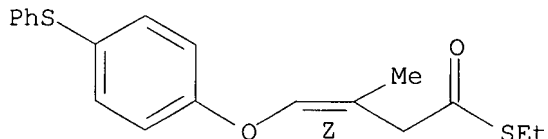
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 2452721	A1	19750515	DE 1974-2452721	19741106
	CH 600603	A5	19780630	CH 1974-13565	19741009
	US 3900507	A	19750819	US 1974-521314	19741106
	FR 2250744	A1	19750606	FR 1974-36953	19741107
	FR 2250744	B1	19781229		
	JP 50077530	A	19750624	JP 1974-128863	19741108
	ZA 7407191	A	19751126	ZA 1974-7191	19741108
	GB 1480429	A	19770720	GB 1974-48437	19741108
	US 4017536	A	19770412	US 1975-581070	19750527
PRAI	CH 1973-15812	A	19731109		
	CH 1973-15813	A	19731109		

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CH 1974-13565 A 19741009
US 1974-521314 A3 19741106
IT 56759-76-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 56759-76-3 CAPLUS
CN 3-Butenethioic acid, 3-methyl-4-[4-(phenylthio)phenoxy]-, S-ethyl ester,
(Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

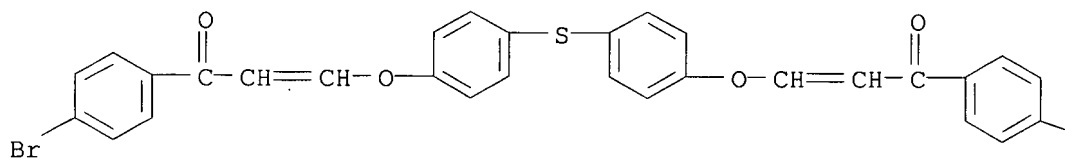


L5 ANSWER 29 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1969:412834 CAPLUS
DN 71:12834
TI Bis(acylvinyl) ethers of bisphenols
IN Khokhlov, P. S.; Savenkov, N. F.; Levskaya, G. S.; Bliznyuk, N. K.
PA All-Union Scientific-Research Institute of Phytopathology
SO U.S.S.R.
From: Izobret., Prom. Obratzsy, Tovarnye Znaki 1968, 45(34), 33.
CODEN: URXXAF

DT Patent
LA Russian
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 230179		19681030	SU	19670724
IT	23189-19-7P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(preparation of)				
RN	23189-19-7 CAPLUS				
CN	Acrylophenone, 3,3'-[thiobis(p-phenyleneoxy)]bis[4'-bromo- (8CI) (CA INDEX NAME)				

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PAGE 1-B

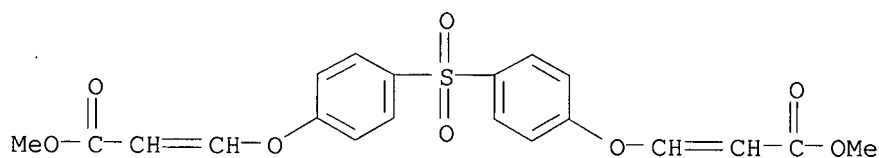
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L5 ANSWER 30 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN

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AN 1967:473348 CAPLUS
DN 67:73348
TI Bisacrylate esters
IN Miller, Lee Alan
PA Monsanto Co.
SO U.S., 3 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3280170		19661018	US 1963-300168	19591008
IT	15833-54-2P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	15833-54-2 CAPLUS				
CN	Acrylic acid, 3,3'-[sulfonylbis(p-phenyleneoxy)]di-, dimethyl ester (8CI) (CA INDEX NAME)				



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SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jul 20, 2007 (20070720/UP).

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L2 QUE L1
L3 1 S L2
L4 42 S L2 FUL

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L5 30 S L4

FILE 'STNGUIDE' ENTERED AT 15:56:51 ON 22 JUL 2007

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FULL ESTIMATED COST

SESSION WILL BE HELD FOR 120 MINUTES

10/690,527

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